



TITLE:

Conspectus (Special Issue on the Commemoration of the Fortieth Anniversary)

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CITATION:

Conspectus (Special Issue on the Commemoration of the Fortieth Anniversary). Bulletin of the Institute for Chemical Research, Kyoto University 1967, 44(6): 443-450

ISSUE DATE:

1967-02-25

URL:

<http://hdl.handle.net/2433/76179>

RIGHT:

CONSPECTUS

Grounds

in Takatsuki City	24,051m ²
in the main campus	5,167m ²
in Keage (Kyoto City)	2,177m ²
in Uji City	110m ²
	<u>31,505m²</u>

Buildings

Takatsuki

(in floor area)

main building	3,180m ²
laboratories and pilot plants	2,926m ²
office and lecture hall	347m ²
power distribution and boiler	
rooms, storage, and other attached	
structures	1,457m ²

Kyoto University main campus

Takezaki, Ichikawa, and Takada	
Laboratories	2,289m ²
Radioisotope Research Laboratory	660m ²
office	113m ²

Keage

Yanabu Laboratory and	
Research Laboratory of	
Nuclear Science	1,502m ²

Uji

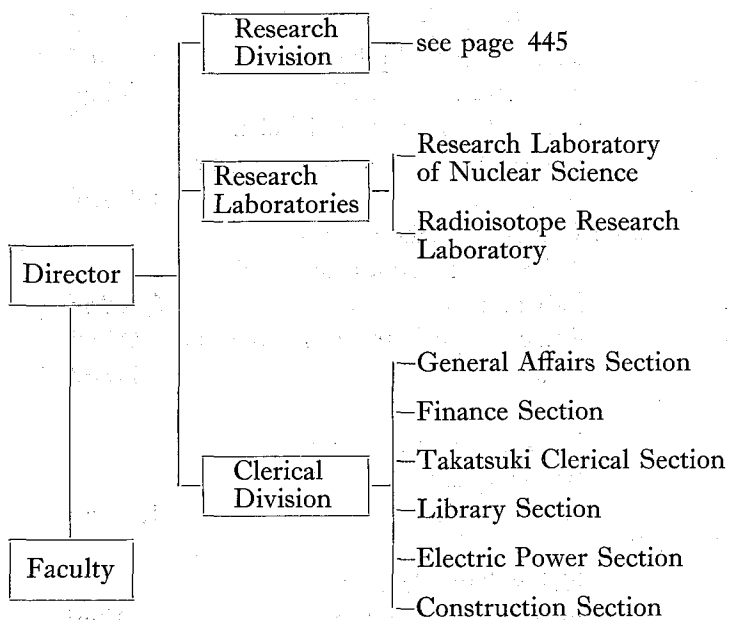
high voltage electron	
microscope laboratory	110m ²

Number of Personnel (Nov. 1, 1966)

	fixed number	current number
professors	19	18
assistant professors	17	16
assistants	50	49
clerks	10	17
technicians	13	26
other employees	60	35
total	169	161

concurrent professors	7
professors in charge of specific research	18
assistant professor in charge of specific research	1
part-time instructors	14
visiting researchers	57
part-time research assistants	8
part-time clerks	13
postgraduates for	
master courses	46
doctor courses	18
total	182

Organization



Laboratories and Professors-in-charge

division	laboratory	professor-in-charge
nuclear chemistry	nuclear reaction	T. Yanabu, H. Yukawa*
	nuclear radiation	S. Shimizu
	radiochemistry	T. Shigematsu
physical chemistry	surface and colloid chemistry	R. Gotoh
	crystal and powder chemistry	E. Suito
	dielectrics	N. Koizumi
inorganic chemistry	ceramic and glass chemistry	M. Tashiro
	solid state chemistry	T. Takada, H. Takaki*
organic chemistry	unit reactions	S. Kunichika
	high pressure chemistry	Y. Takezaki
	petroleum chemistry	K. Ichikawa
polymer chemistry	fiber chemistry	W. Tsuji, I. Sakurada*
	physical chemistry of polymers	H. Inagaki, M. Horio*
	polymer solutions	M. Kurata, R. Oda*
	crystallography	K. Kobayashi
bio-chemistry	enzyme chemistry	K. Sisido*
	plant products chemistry	M. Ohno
	bacteriological chemistry	T. Yamamoto
	physiological activity	E. Fujita
	molecular biology	O. Hayaishi*

* indicates concurrent professor.

General Survey of Budget

1. current expenditure

year	
1951	¥34,301,716
1952	55,223,892
1953	62,833,661
1954	62,203,144
1955	67,200,779
1956	77,608,889
1957	81,791,411
1958	94,617,513
1959	115,764,769
1960	117,950,006
1961	141,620,490
1962	162,853,293
1963	223,826,787
1964	214,265,383
1965	245,541,699

2. grants

year	government funds for scientific researches	grants from corporations
1951	¥1,045,000	¥455,000 (9)
1952	796,000	545,000 (8)
1953	0	511,655 (6)
1954	16,948,000	430,000 (5)
1955	2,062,868	520,000 (7)
1956	18,564,843	580,000 (7)
1957	6,760,000	1,411,000 (7)
1958	13,970,000	1,787,000 (7)
1959	1,900,000	1,812,000 (8)
1960	3,350,000	2,935,000 (11)
1961	2,070,000	2,630,000 (7)
1962	4,010,000	2,055,000 (8)
1963	16,820,000	1,926,000 (8)
1964	5,040,000	2,245,000 (11)
1965	12,249,000	1,685,990 (8)
1966	8,970,000	1,315,740 (7)

year	scholarship grants	donators
1964	¥150,000	Nippon Shōji Co.
1964	150,000	Kōwa Co.
1964	100,000	Mitsui Sekiyu Kagaku Kōgyō Ltd.
1965	500,000	Sankō Kagaku Co.
1965	100,000	Shiraishi Kōgyō Ltd.
1965	100,000	Mitsui Sekiyu Kagaku Kōgyō Ltd.
1965	150,000	Nippon Shōji Co.
1966	100,000	Yukijirushi Nyūgyō Ltd.
1966	100,000	Sankō Kagaku Co.
1966	270,000	Shimadzu Seisakusho Ltd.
1966	150,000	Nippon Shōji Co.

3. patents obtained

Japanese patent no.	date	title of invention
195,410	May 20, 1952	peptizer for natural rubber
197,079	Sept. 19, 1952	manufacture of aldehydes, especially unsaturated higher aldehyde, by means of reaction between acetylene and water under high pressure
209,935	Sept. 20, 1954	method for thermal stabilization of vinyl chloride resin
215,913	Jun. 6, 1955	method for plasticization of rubber
	Feb. 23, 1962	manufacture of derivatives of α , β -dicyano- β -carboethoxy-vinylamine and β -cyano- α , β -dicarboethoxy-vinylamine
	Feb. 4, 1963	manufacture of ϵ -caprolactam from ϵ -amino-caproic acid ester

A HISTORY OF THE INSTITUTE

The Special Chemical Laboratory was set up in August, 1915, at the Faculty of Science of Kyoto Imperial University, which was renamed Kyoto University in October, 1947. The Laboratory, then headed by Professor Mitsuru Kuhara, devoted itself for the study and manufacturing of certain chemicals, for example *salvarsan* the supply of which became short due to World War I. In such a situation the necessity of establishing a chemical research institute was keenly felt, and as a result the Institute for Chemical Research was created on October 4, 1926, with Professor Masumi Chikashige as Acting Director of the new institute. In March, 1927, Professor Masumi Chikashige was appointed as Director, and the Special Chemical Laboratory was merged into the Institute for Chemical Research. Since Professor Chikashige's resignation as Director the ten chemistry professors of Kyoto University successively assumed directorship of the Institute.

Description of the period, 1926–1951, is given in the Institute's Silver Jubilee Commemoration Volume, so that the present volume gives only an outline of the development of the Institute and its main scientific achievements in the period from 1952 down to date.

1951.

- Apr. 1: The number of personnel was fixed as follows; 7 professors, 12 assistant professors, 8 instructors, 48 assistants, 6 business officials, 57 employees, and total 138.
- Oct. 4: The commemoration ceremony for the Silver Jubilee was held.
- Dec. 25: Publication of the Silver Jubilee Volume.
- Dec. 25: Abolishment of the Utzino 2nd Laboratory, and the installation of the Takaki (Hideo) Laboratory.

1952.

- Feb. 22: Installation of the Suito Laboratory.
- Apr. 1: In accordance with the transfer account and the administrative readjustment the fixed number was revised as follows; 9 professors, 10 assistant professors, 53 other employees.
- Apr. 1: With the transfer of Prof. K. Kimura to the Faculty of Science, the Kimura Laboratory had been abolished and was re-established as he was appointed a concurrent professor.

1953.

- Dec. 27: Prof. S. Utzino was relieved of as director.
Prof. Masao Horio was appointed as Director.

1954.

- Apr. 1: In accordance with Ministry of Education Ordinance No. 6 the fixed

number was revised as follows; 47 assistants, 5 clerks, 50 other employees.

1955.

- Jan. 23: On Prof. Kondo's retirement his laboratory was abolished.
- Feb. 11: Mitsuda Laboratory was established.
- Feb. 15: On Prof. Nodzu's retirement his laboratory was abolished.
- Mar. 4: Kunichika Laboratory was established.
- May 1: On the transfer of Prof. Mitsuda to the Faculty of Agriculture the Mitsuda Laboratory was abolished.
- June 1: On Prof. Abe's retirement his laboratory was abolished.
- July 1: In accordance with Establishment Law No. 186 the fixed number of instructors was revised to 7 and other employees to 49.
- July 8: Tanaka Laboratory was established.

1956.

- Apr. 1: In accordance with Establishment Law No. 29 the fixed number of employees was revised to 48, while in accordance with Ministry of Education Ordinance No. 8, those of professors, assistant professors, instructors, and assistants to 10, 12, 6, and 49, respectively.
- July 17: On the retirement of Prof. R. Kimura his laboratory was abolished.
- Aug. 19: On the retirement of Prof. Kariyone his laboratory was abolished.
- Dec. 26: Prof. Horio's term of office as Director expired.
- Dec. 27: Prof. Sankichi Takei was appointed as Director.

1957.

- Mar. 7: On the retirement of Prof. Utzino his laboratory was abolished.
- Apr. 15: On the retirement of Prof. S. Takaki his laboratory was abolished.
- June 28: Nakai, Takezaki, Shimizu, Ohno, and Shigematsu Laboratories were established.
- July 4: On the retirement of Prof. K. Inoue his laboratory was abolished.
- July 7: On the retirement of Prof. Kodama his laboratory was abolished.
- Dec. 16: Suzuki Laboratory was established.

1958.

- Apr. 1: In accordance with Ministry of Education Ordinance No. 13 the fixed number was revised as follows; 14 professors, 14 assistant professors, 2 instructors, 47 assistants.
- Apr. 18: On the retirement of Prof. Sawamura his laboratory was abolished.
- May 23: Tsuji Laboratory was established.
- July 1: Tashiro and Ichikawa Laboratories were established.
- Aug. 12: In accordance with the transfer account the fixed number of clerks was revised to 8, technicians to 4, and other employees to 41.
- Sept. 10: With the retirement of Prof. Ogiu his laboratory was abolished.
- Oct. 1: Prof. Takei, Director, was transferred from concurrent to full-time professorship.

1959.

- Jan. 16: Hayaishi Laboratory was established.
Jan. 23: On the retirement of Prof. Sawai his laboratory was abolished.
Apr. 1: In accordance with Ministry of Education Ordinance No. 16 the fixed number was revised as follows; 15 professors and 15 assistant professors.
May 1: Director Takei left for a trip to West Germany and Prof. Risaburo Nakai was appointed as Acting Director.
Jun. 7: Director Takei returned. Prof. Nakai was relieved of his post as Acting Director.
Sept. 1: In accordance with the transfer account the fixed number of clerks was revised to 9, technicians to 13, and other employees to 35.
Oct. 26: On his retirement as professor Prof. Takei was relieved of his post as Director, and his laboratory was abolished. Prof. Risaburo Nakai was appointed as Director.
Nov. 20: On the retirement of Prof. Y. Inoue his laboratory was abolished.
Dec. 7: On the retirement of Prof. Ishibashi his laboratory was abolished.
Dec. 27: On the retirement of Prof. Sasaki his laboratory was abolished.

1960.

- Apr. 1: In accordance with Ministry of Education Ordinance No. 6 the fixed numbers of assistant professors and assistants were revised to 16 and 46, respectively.
July 15: Yamamoto Laboratory was established.
Sept. 16: Inagaki Laboratory was established.
Sept. 20: On the retirement of Prof. Katagiri his laboratory was abolished.

1961.

- July 1: In accordance with the transfer account the fixed number of clerks was revised to 10, technicians to 14, and other employees to 43.
Dec. 4: On the retirement as professor Prof. Nakai was relieved of his post as Director, and his laboratory was abolished. Prof. Rempei Gotoh was appointed as Director.

1962.

- Jan. 19: Koizumi Laboratory was established.
Apr. 1: Government fund was allotted to the Institute for education of post graduate students.
Apr. 1: In accordance with Establishment Law No. 35, Cabinet Order No. 76, and Ministry of Education Ordinance No. 17 the fixed number of professors was revised to 16, and other employees to 60.
Sept. 21: Kurata Laboratory was established.
Nov. 3: On the retirement of Prof. Tachi his laboratory was abolished.
Dec. 21: Fujita Laboratory was established.

1963.

- Apr. 1: In accordance with Establishment Law No. 58, No. 69, Cabinet Order

No. 95, and Ministry of Education Ordinance No. 11 the fixed number of assistant was revised to 48 and technicians to 12.

With the transfer of Prof. Tanaka to the Faculty of Engineering, Tanaka Laboratory was abolished.

Nov. 15: Takada Laboratory was established.

1964.

Feb. 25: In accordance with Ministry of Education Ordinance No. 4 the Research Sections of the Institute attached to Kyoto University were set up.

Apr. 1: In accordance with Ministry of Education Ordinance No. 11 the Research Laboratory of Nuclear Science was attached to the Institute with Director Gotoh as acting chief of the Laboratory.

May 22: The Standing Committee decided to move the Institute to Uji City.

Dec. 3: Prof. Gotoh was relieved of his post as Director.

Dec. 4: Prof. Sango Kunichika was appointed as Director and, concurrently, chief of the Research Laboratory of Nuclear Science.

1965.

Mar. 31: With the transfer to Osaka University of Prof. Suzuki his laboratory was abolished.

Apr. 1: In accordance with Establishment Law No. 15, No. 25, Cabinet Order No. 77, and Ministry of Education Ordinance Nos. 17 and 21 the fixed number of professors was revised to 18, assistant professors to 17, assistants to 50, and other employees to 62.

Oct. 22: Kobayashi Laboratory was established.

1966.

Feb. 25: Yanabu Laboratory was established.

Mar. 31: With his resignation as concurrent professor Prof. Kimura's laboratory was abolished.

Apr. 1: In accordance with Establishment Law Nos. 47 and 48, Cabinet Order No. 110, and Ministry of Education Ordinance Nos. 22 and 24 the fixed number of professors was revised to 19 and other employees to 60.

Jun. 15: Director Kunichika left for a trip to the United States. Prof. Gotoh was appointed as Acting Director.

July 1: Director Kunichika returned.

Prof. Gotoh was relieved of his post as Acting Director.

Dec. 20: The University Council abolished the Standing Committee Rules, and announced the Faculty Meeting Rules.